

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-31 (canceled).

Claim 32 (currently amended): ~~The method of claim 31, wherein~~ A method for harvesting and utilizing electromagnetic energy, comprising:
receiving ambient electromagnetic energy;
converting the ambient electromagnetic energy into DC electrical power;
charging a power storage component with the DC electrical power, the power storage component comprises a NxM array of battery micro-cells, N and M are natural numbers;
providing a device power source for powering an electrical device; and
drawing power from the power storage component to power the electrical device, the
drawing power from the power storage component to power the electrical device comprises
includes:

determining a charged PxQ sub-array of the NxM array of battery micro-cells,
wherein P and Q are natural numbers less than N and M, respectively; and
drawing power from the charged PxQ sub-array to power the electrical device.

Claim 33 (currently amended): The method of claim 32, ~~wherein the~~ charging the power storage component with the DC electrical power comprises includes:

charging at least one remaining micro-cell of battery in the NxM array that is not in the charged PxQ sub-array;

substituting the PxQ sub-array with the at least one remaining micro-cell of battery once the PxQ sub-array is depleted of power; and

charging the depleted PxQ sub-array with the DC electrical power.

Claim 34 (currently amended): The method of claim 33, ~~wherein~~ the drawing power from the power storage component to power the electrical device further ~~comprises~~ includes:

drawing power from the at least one remaining charged micro-cell of battery to power the electrical device.

Claims 35-37 (canceled).